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JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11)Publication number: 07283438

(43)Date of publication of application: 27.10.1995

(51)Int.Cl.

H01L 33/00

G02F 1/015

G09F 9/33

(21)Application number: 06069836

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(22)Date of filing: 08.04.1994

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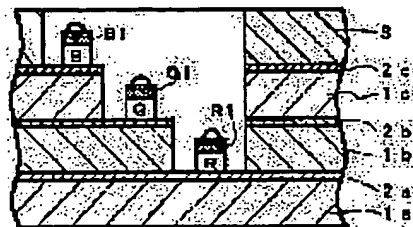
NAGAI YOSHIFUMI

(54) LED DISPLAY

(57)Abstract:

PURPOSE: To increase the luminous intensity of LED display by diminishing the absorbed luminescence of short waves of an LED chip for heightening the display luminescence intensity by improving the outer quantum efficiency, especially red, green and blue LED chips and LED display blue LED comprising the three complete primary colors.

CONSTITUTION: LED chips are mounted on a ceramic substrate comprising green sheets 1a, 1b, 1c whereon the conductor layers 2a, 2b, 2c are formed while the levels of the light emitting part of the short wave length LED chips is made higher than the levels of the long wave length LED. Furthermore, the levels of the LED chips are to be adjusted by the levels of the green sheets 1a, 1b, 1c.



LEGAL STATUS

[Date of request for examination]
[Date of sending the examiner's decision of rejection]
[Kind of final disposal of application other than the
examiner's decision of rejection or application converted
registration]
[Date of final disposal for application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's decision of rejection]
[Date of requesting appeal against examiner's decision of
rejection]
[Date of extinction of right]

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